

L Number	Hits	Search Text	DB	Time stamp
1	2	20020074494.pn. or 5140164.pn.	USPAT; US-PGPUB	2004/10/05 11:42
2	1	(20020074494.pn. or 5140164.pn.) and pattern\$2	USPAT; US-PGPUB	2004/10/05 11:09
3	6730	(250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:11
4	7	5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.	USPAT; US-PGPUB	2004/10/05 11:11
5	608	(204/193.33,192.34,298.32,298.36).ccls.	USPAT; US-PGPUB	2004/10/05 11:11
6	110	216/94.ccls.	USPAT; US-PGPUB	2004/10/05 11:12
7	211	(219/121.4,121.19).CCLS.	USPAT; US-PGPUB	2004/10/05 11:12
8	7570	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:12
9	87	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:16
10	12	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:14
11	12	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:34
12	8	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:36
13	2	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:39
14	8	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:39
15	1	or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.)	USPAT; US-PGPUB	2004/10/05 11:53

Search History 10/15/2004 12:11 PM ((determin\$7 with (end adj1 point\$2))) and
 ((charged adj1 particle adj1 beam) or
 C:\APPS\EAST\Workspa ((determin\$7 near4 (CPB or
 ((charged adj1 particle adj1 beam)))) and

16	1276	(pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/05 11:39
17	1	((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2))	USPAT; US-PGPUB	2004/10/05 11:40
18	1	20020074494.pn.	USPAT; US-PGPUB	2004/10/05 11:42
19	0	20020074494.pn. and ((modulat\$6 or repeat\$5 or repetition\$2) with frequency)	USPAT; US-PGPUB	2004/10/05 11:47
20	3	5821549.pn. or 6069366.pn. or 5948217.pn.	USPAT; US-PGPUB	2004/10/05 11:46
21	0	(5821549.pn. or 6069366.pn. or 5948217.pn.) and ((modulat\$6 or repeat\$5 or repetition\$2) with frequency)	USPAT; US-PGPUB	2004/10/05 11:47
22	4	(5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn.	USPAT; US-PGPUB	2004/10/05 11:47
23	5	(5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2))))	USPAT; US-PGPUB	2004/10/05 11:47
24	0	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and ((modulat\$6 or repeat\$5 or repetition\$2) with frequency)	USPAT; US-PGPUB	2004/10/05 11:48
25	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (Hz)	USPAT; US-PGPUB	2004/10/05 12:02
26	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (secondary with current)	USPAT; US-PGPUB	2004/10/05 12:07
27	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (determin\$7 near4 (end adj1 point\$2))	USPAT; US-PGPUB	2004/10/05 11:55
28	4	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (mill\$5)	USPAT; US-PGPUB	2004/10/05 11:55
29	0	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (SNR or (signal adj2 to adj2 noise))	USPAT; US-PGPUB	2004/10/05 12:06
30	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (expose\$2 with (circuit near2 element\$2))	USPAT; US-PGPUB	2004/10/05 12:08

31	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (Hz)) and (((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (secondary with current))	USPAT; US-PGPUB	2004/10/05 12:09
32	1	((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (expose\$2 with (circuit near2 element\$2))) and (((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (Hz)) and (((5821549.pn. or 6069366.pn. or 5948217.pn.) or 20020074494.pn. or (((pattern\$3 near4 (CPB or (charged adj1 particle adj1 beam)))) and (determin\$7 near4 (end adj1 point\$2)))) and (secondary with current))	USPAT; US-PGPUB	2004/10/05 12:09

	Type	Hits	Search Text	DBs
1	BRS	7	5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.	USPAT; US-PGPUB
2	BRS	6723	(250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.	USPAT; US-PGPUB
3	BRS	608	(204/193.33,192.34,298.32,298.36).ccls.	USPAT; US-PGPUB
4	BRS	110	216/94.ccls.	USPAT; US-PGPUB
5	BRS	211	(219/121.4,121.19).CCLS.	USPAT; US-PGPUB
6	BRS	7563	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)	USPAT; US-PGPUB
7	BRS	4	((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (blanking adj1 frequency)	USPAT; US-PGPUB
8	BRS	87	((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))	USPAT; US-PGPUB

	Type	Hits	Search Text	DBs
9	BRS	0	(((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (blanking adj1 frequency)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))))	USPAT; US-PGPUB
10	BRS	29	(((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)	USPAT; US-PGPUB
11	BRS	38	(((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2)	USPAT; US-PGPUB

	Type	Hits	Search Text	DBs
12	BRS	0	(((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (blanking adj1 frequency)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))))	USPAT; US-PGPUB
13	BRS	0	((((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2))) and (lock adj1 in)	USPAT; US-PGPUB

	Time Stamp	Comments	Error Definition	Errors
12	2004/10/04 15:44			0
13	2004/10/04 15:45			0

	Type	Hits	Search Text	DBs
14	BRS	15	((((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2))	USPAT; US-PGPUB
15	BRS	0	((((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491.1,492.2,492.21,492.22,492.3).ccls.) or ((204/193.33,192.34,298.32,298.36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2))) and (blanking near3 frequency)	USPAT; US-PGPUB

	Type	Hits	Search Text	DBs
16	BRS	10	((((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491. 1,492.2,492.21,492.22,492.3).c cls.) or ((204/193.33,192.34,298.32,298 .36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491. 1,492.2,492.21,492.22,492.3).c cls.) or ((204/193.33,192.34,298.32,298 .36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2))) and (frequency)	USPAT; US-PGPUB

	Type	Hits	Search Text	DBs
17	BRS	6	(((((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491. 1,492.2,492.21,492.22,492.3).c cls.) or ((204/193.33,192.34,298.32,298 .36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (output near3 signal)) and (((5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) or ((250/306,307,309,397,398,491. 1,492.2,492.21,492.22,492.3).c cls.) or ((204/193.33,192.34,298.32,298 .36).ccls.) or 216/94.ccls. or ((219/121.4,121.19).CCLS.)) and (determin\$7 with (end adj1 point\$2))) and (detect\$5 near4 change\$2))) and (frequency)) and (secondary or current)	USPAT; US-PGPUB
18	BRS	0	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) and (lock adj1 in)	USPAT; US-PGPUB
19	BRS	0	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) and (lock adj2 in)	USPAT; US-PGPUB
20	BRS	0	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) and (lock near3 in)	USPAT; US-PGPUB
21	BRS	3	(5140164.pn. or 5435850.pn. or 5851413.pn. or 5948217.pn. or 20020074494.pn. or 6069366.pn. or 5821549.pn.) and pattern\$5	USPAT; US-PGPUB